

FORM PTO-1390 (REV 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				MAT-8577US	
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
				To Be Assigned 10/501658	
INTERNATIONAL APPLICATION NO.		INTERNATIONAL FILING DATE		PRIORITY DATE CLAIMED	
PCT/JP2003/016023		15.12.03 (15 December 2003)		16.12.02 (16 December 2002)	
TITLE OF INVENTION					
REFRIGERANT COMPRESSOR AND REFRIGERATING MACHINE USING THE SAME					
APPLICANT(S) FOR DO/EO/US					
Hiroataka KAWABATA, Takahide NAGAO, Akihiko KUBOTA, Hironari AKASHI, Kosuke TSUBOI, Takashi KAKIUCHI, Makoto KATAYAMA and Takeshi KOJIMA					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An <input checked="" type="checkbox"/> executed/<input type="checkbox"/> unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 20 below concern documents(s) or information included:					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. <input checked="" type="checkbox"/> A preliminary amendment.					
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.					
15. <input type="checkbox"/> A substitute specification.					
16. <input type="checkbox"/> A power of attorney and/or change of address letter.					
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.					
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).					
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20. <input checked="" type="checkbox"/> Other items or information: CERTIFICATE OF EXPRESS MAIL					

U.S. APPLICATION NUMBER (37 CFR 1.51) To Be Assigned	INTERNATIONAL APPLICATION NO. PCT/JP2003/016023	ATTORNEY DOCKET NUMBER MAT-8577US
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<p>21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4) \$730.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) \$100.00</p>	<p align="center">CALCULATIONS PTO USE ONLY</p>
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ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 920.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		

CLAIMS	NUMBER FILED	EXTRA NUMBER	RATE	
Total claims	28 - 20 =	8	X \$18.00	\$ 144.00
Independent claims	2 - 3 =	0	X \$86.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,064.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.

SUBTOTAL =		\$ 1,064.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +		\$
TOTAL NATIONAL FEE =		\$ 1,064.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$ 40.00
TOTAL FEES ENCLOSED =		\$ 1,104.00

	Amount to be refunded: \$
	Charged: \$

a. ☒ A check in the amount of **\$1,104.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **18-0350**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23122 (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below
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<p>Send All Correspondence to:</p> <p>Lawrence E. Ashery RatnerPrestia P.O. Box 980 Valley Forge, PA 19482 (610) 407-0700</p>	<p align="center"><i>[Signature]</i></p> <p>Signature <u>Lawrence E. Ashery</u> Name</p> <p><u>34,515</u> Registration Number</p> <p><u>July 15, 2004</u> Date</p>
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Docket No. **107501658**
MAT-8577US

Applicant(s): Hirotaka KAWABATA et al.

Application No.**Filing Date****Examiner****Group Art Unit**

To Be Assigned

Herewith

To Be Assigned

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Invention:**REFRIGERANT COMPRESSOR AND REFRIGERATING MACHINE
USING THE SAME**

I hereby certify that the following correspondence:

PCT National Stage Application with PTO-1390 and its enclosures***(Identify type of correspondence)***Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: **Mail Stop PCT**,
Commissioner for Patents, Alexandria, VA 22313-1450 on: **July 15, 2004****KATHLEEN LIBBY***(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EV 418 252 779US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**